Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 02 Dec 2023 until 23:59 on Sunday 03 Dec 2023

Forecast Issued on Saturday 02 Dec 2023 at 05:21

Confidence: High for cold this weekend but lower for cloud details and much lower for details for Sunday and Monday, due to continuing uncertainty over depth and movement of a low, currently expected to move east along the English Channel, and the eventual change to milder conditions.

Headline for Saturday 02 Dec 2023: Mainly dry but cloudy. Very cold. Light winds

Mountain weather hazards on Saturday 02 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
10%	10%	30%	30%	30%	10%

Forecast for Saturday 02 Dec 2023

Weather: Largely cloudy and dry but some bright or sunny spells will occur, especially in the east, with freezing fog patches slowly clearing. However western hills will be cloudier, bringing a risk of the odd light snow shower, especially in the afternoon and early evening.

Chance of cloud-free hill tops above 600m: Close to 100% at first and in the east, but becoming 75% in the west.

Low Cloud and visibility: Little or no cloud below the summits at first, and more generally across eastern hills, but occasional cloud developing above about 600m across western hills later in the morning. Away from cloud visibility very good with, especially eastern hills, some decent panoramic views of surrounding hills, falling to around a kilometre in snow showers and just a few hundred metres in any low level freezing fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 02 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/12 S	8/11 S	11/14 S	11/16 S	11/17 S	11/17 S	10/16 S
300	1/5 SE	1/8 SE	6/10 S	4/9 SE	4/10 SE	5/11 S	4/11 SE
Valley	1/4 E	2/5 SE	1/5 SE	3/7 W	2/6 SW	2/6 E	3/7 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-8	-1/-5	-2/-7	-2/-7	-2/-8	-2/-7	-2/-7
300	-5/-7	-3/-5	0/-3	-0/-2	-1/-4	-1/-4	-1/-3
Valley	-3/-5	-1/-3	1/-0	1/-0	0/-2	1/-1	1/-1
Freezing Level*	00m	00m	100m	200m	100m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around minus 6 Celsius at dawn. Feeling very cold at all levels despite light winds and some sunshine.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 02 Dec 2023	1mm	1.4mm	1.4mm

Forecast for Sunday 03 Dec 2023

Weather: Outbreaks of snow likely to arrive through the early hours, soon clearing away east. Then probably cloudy and dry, although there is a risk of patchy light sleet and snow arriving through the day. However confidence is low regarding this. Widespread hill fog developing.

Maximum wind: Easterly or southeasterly around 10mph, increasing a little through the evening.

Chance of cloud-free hill tops above 600m: Around 40-60%

Low Cloud and visibility: Occasional cloud above 500-600m. Away from cloud visibility mostly very good, but just a few hundred metres in any freezing fog.

Temperature: **Valleys:** Around minus 4 or 5 Celsius at dawn rising to plus 1 or 2 Celsius by day
At 600m: Minus 1 or 2 Celsius.
Freezing level: Less than 300m probably rising to 400-500m.

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